

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\  
 Data File : VL035667.D  
 Acq On : 17 Sep 2020 21:59  
 Operator : SY/AP  
 Sample : L3983-04DL 200X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV-12DL

Manual Integrations  
 APPROVED

MMDadoda  
 9/22/2020 2:11:49 PM

Quant Time: Sep 18 05:02:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Sep 14 15:19:50 2020  
 QLast Update : Mon Sep 14 15:19:50 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 1136278  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 4407364  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 4368512  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.44  | 95    | 3204004  | 10.33    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.30% |

| Target Compounds         | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|--------------------------|-------|------|----------|--------|-------|--------|
| 9) Propene               | 3.01  | 41   | 61133    | 1.262  | ppbv  | 93     |
| 15) Acetone              | 3.86  | 43   | 349829   | 2.791  | ppbv  | 95     |
| 34) 2-Butanone           | 5.27  | 43   | 33695    | 0.258  | ppbv  | 100    |
| 50) 4-Methyl-2-Pentanone | 8.77  | 43   | 146798   | 0.775  | ppbv  | 94     |
| 52) Tetrachloroethene    | 11.24 | 164  | 1739842  | 10.439 | ppbv  | 96     |
| 53) Toluene              | 9.81  | 91   | 37242m   | 0.104  | ppbv  |        |
| 59) m/p-Xylene           | 12.99 | 91   | 45066m   | 0.120  | ppbv  |        |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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